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Ornithobacterium Rhinotracheale Subunit Vaccines

Abstract

The present invention relates to nucleic acids encoding *Ornithobacterium rhinotracheale* proteins, to DNA fragments, recombinant DNA molecules, live recombinant carriers and host cells comprising such nucleic acids, to *Ornithobacterium rhinotracheale* proteins, to antibodies against such proteins, to such proteins for use in vaccines, to the use of such proteins in the manufacturing of such vaccines, to vaccines comprising such nucleic acids, DNA fragments, recombinant DNA molecules, live recombinant carriers, host cells, proteins or antibodies against such proteins, and to methods for the preparation of such vaccines.